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(54) Title: HIGH POTENCY DOPAMINERGIC TREATMENT OF NEUROLOGICAL IMPAIRMENT ASSOCIATED WITH
BRAIN INJURY

(57) Abstract: Methods and compositions are described for treating impaired neurological function, including altered state of con-
sciousness disorders, in an individual who has sustained a brain injury comprising administering to the individual apomorphine.
Methods and compositions are described for treating impaired neurological function, including altered state of consciousness disor-
ders, in an individual who has sustained a brain injury comprising administering to the individual at least 1000mg or more of L-dopa
(levodopa) per day. The use of potent dopaminergic agents to stimulate emergence from an altered consciousness state, such as a
coma, is disclosed.



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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 31/55, 31/52, 31/44, 31/415

US CL : 514/217, 263.31, 284, 394, 395

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 514/217, 263.31, 284, 394, 395

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
noneElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)
CAS-ONLINE, EAST**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| X | ✓ SPIRIDONOV, V.K. et al. Activity of dopaminergic endings of rat forebrain nuclei during electroconvulsive amnesia and restoration of conditioned reaction of passive avoidance with apomorphine. 1981, Vol. 31. No. 2, pages 409-411. | 1-88 |
| X | US 3,961,060 A (FUXE) 01 June 1976 (01.06.1976), see the entire document. | 1-88 |
| Y | US 6,310,085 B1 (WILLIS) 30 October 2001 (30.10.2001), see the entire document. | 29-88 |

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